

1 / 1 2

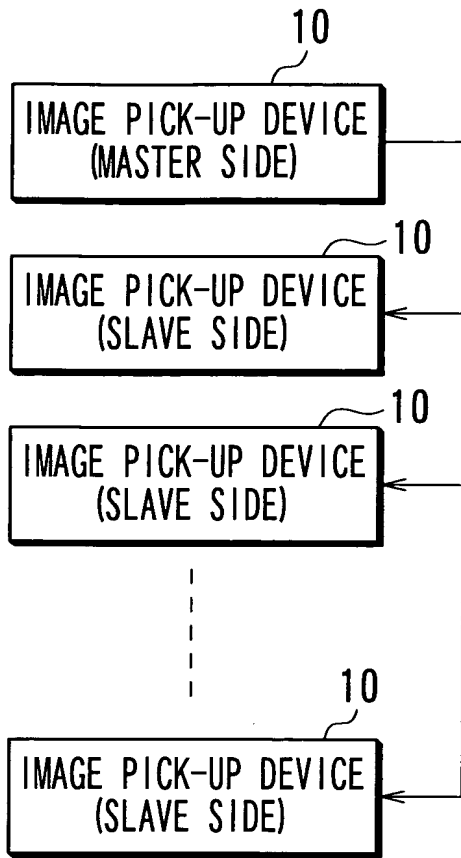


FIG. 1 A

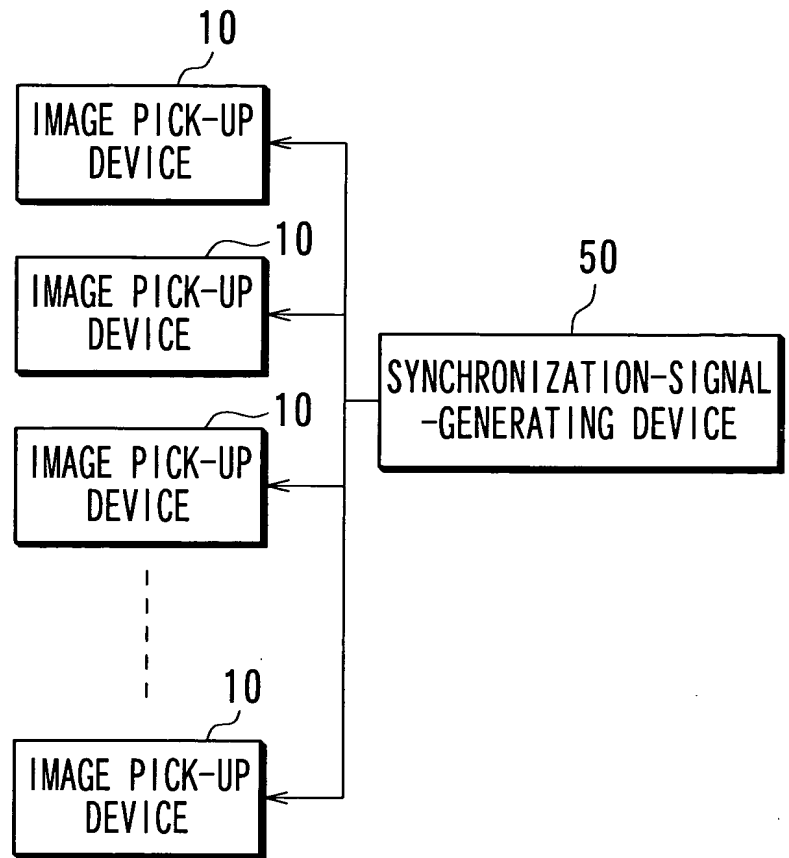
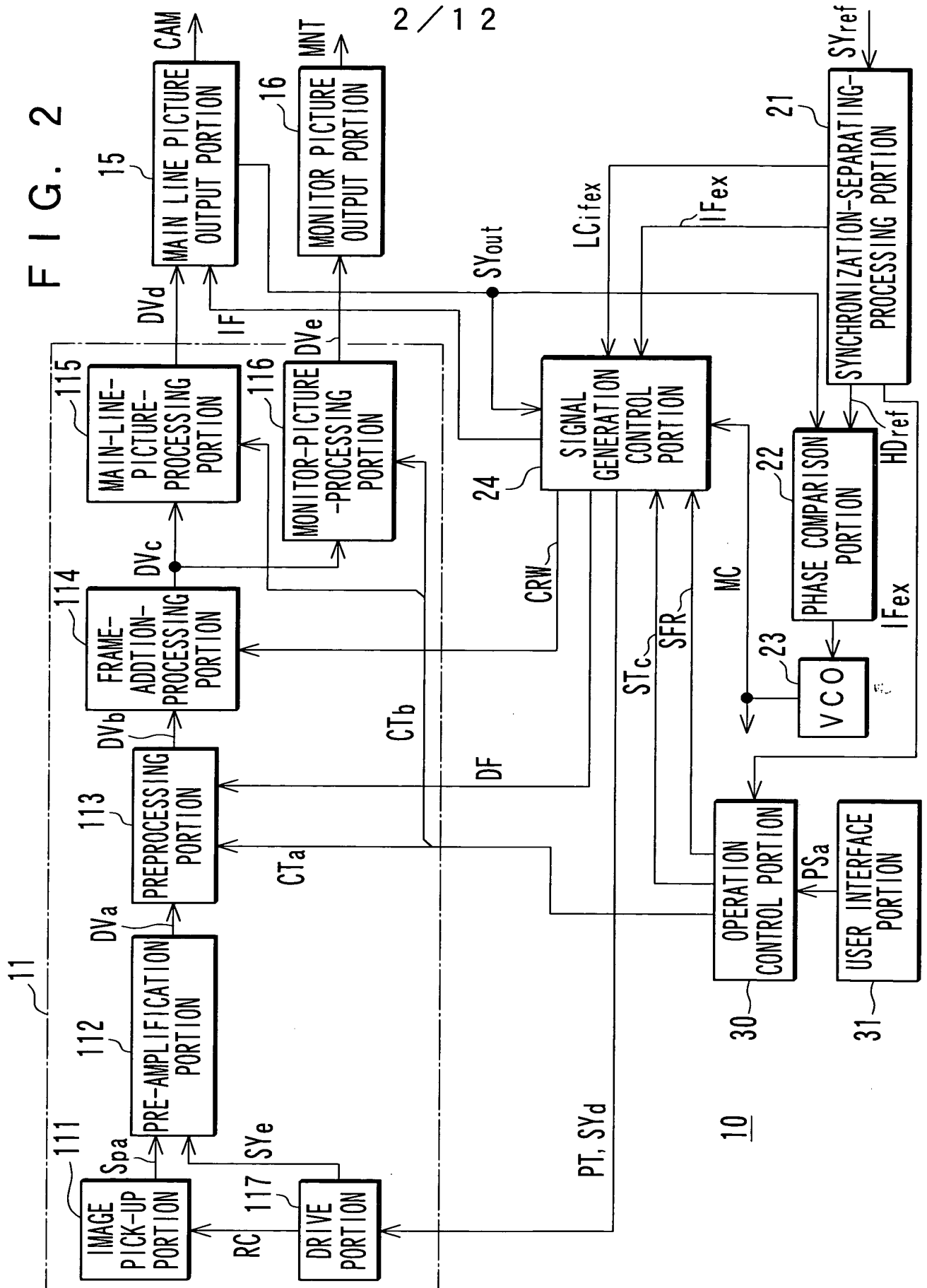


FIG. 1 B

FIG. 2

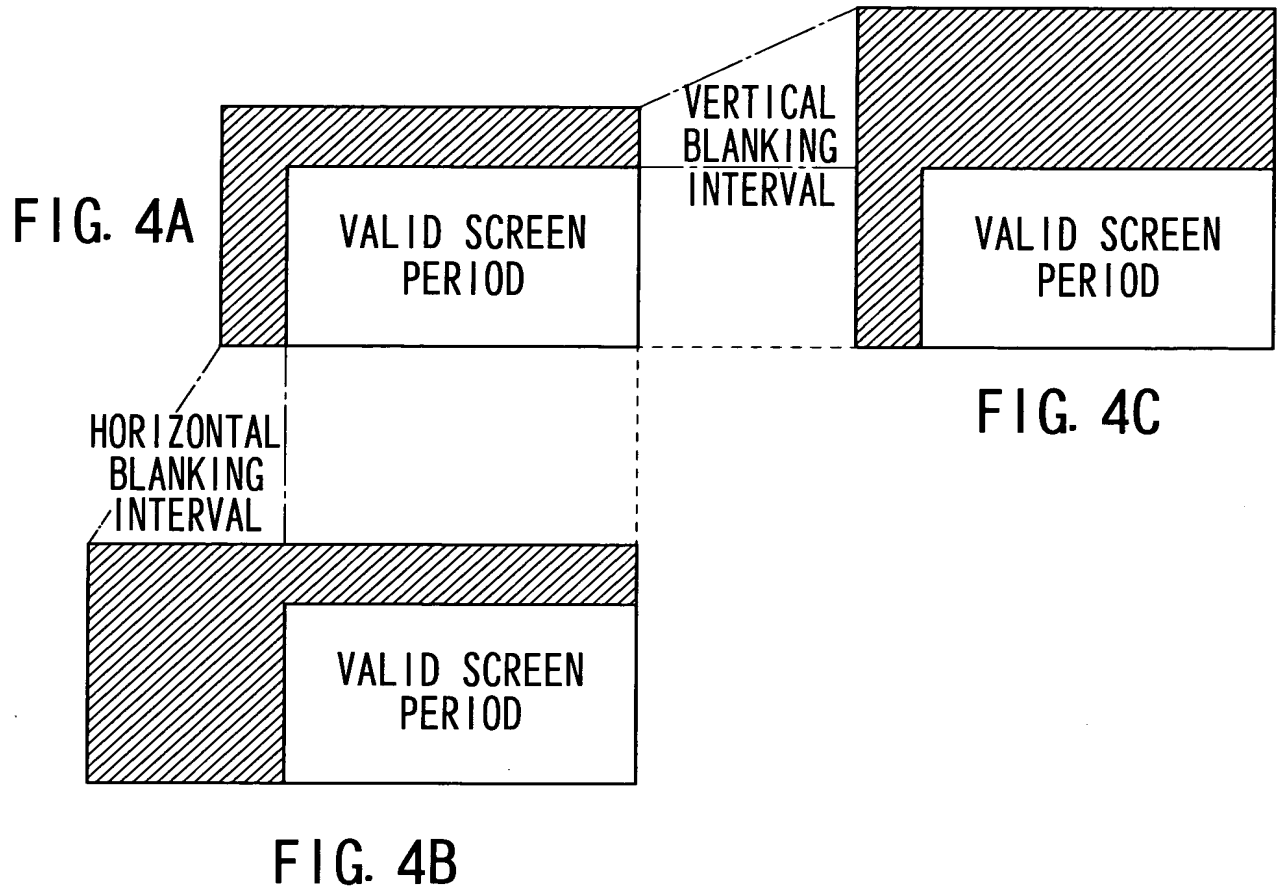


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FIG. 3

VARIABLE FRAME RATE, FR_c	NUMBER OF ADDED FRAMES, FA	IMAGE PICK-UP FRAME RATE, $FR_p = FR_c \times FA$
$60P \geq FR_c > 30P$	1	$60P \geq FR_p > 30P$
$30P \geq FR_c > 20P$	2	$60P \geq FR_p > 40P$
$20P \geq FR_c > 15P$	3	$60P \geq FR_p > 45P$
$15P \geq FR_c > 12P$	4	$60P \geq FR_p > 48P$
$12P \geq FR_c > 10P$	5	$60P \geq FR_p > 50P$
$10P \geq FR_c > 6P$	6	$60P \geq FR_p > 36P$
$6P \geq FR_c > 5P$	10	$60P \geq FR_p > 50P$
$5P \geq FR_c > 4P$	12	$60P \geq FR_p > 48P$
$4P \geq FR_c > 3P$	15	$60P \geq FR_p > 45P$
$3P \geq FR_c > 2P$	20	$60P \geq FR_p > 40P$
$2P \geq FR_c > 1P$	30	$60P \geq FR_p > 30P$
1P	60	60P

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FIG. 5

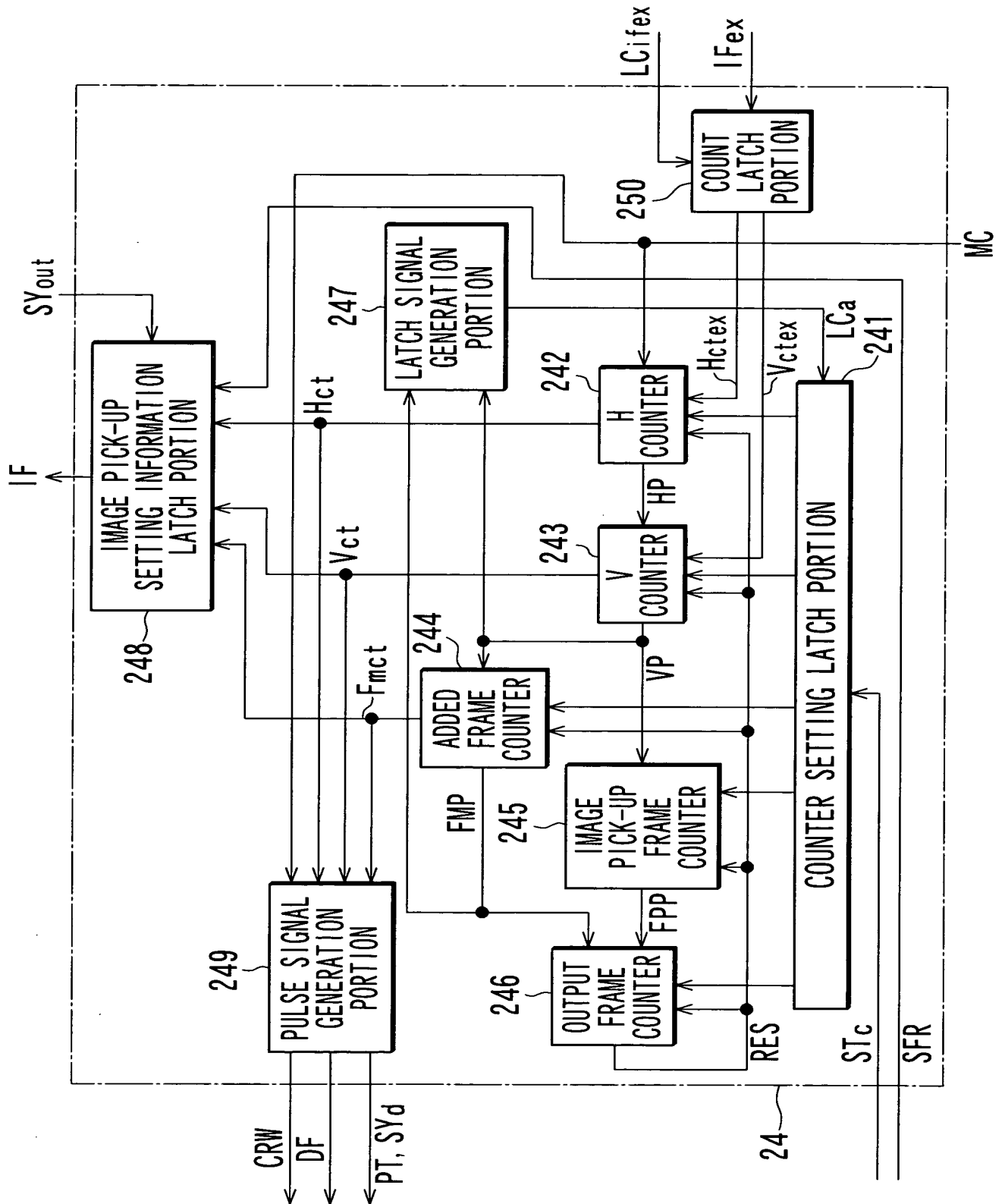


FIG. 6A (Hct)

0	1		2439	0	1
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FIG. 6B (Vct)

0	1		1124	0	1
---	---	--	------	---	---

FIG. 6C (F_{pct})

0	1	2	3	4	5	6	7	8	9		48	49	50	51	52	53	0	1	2
---	---	---	---	---	---	---	---	---	---	--	----	----	----	----	----	----	---	---	---

FIG. 6D (F_{mct})

0	1	2	0	1	2	0	1	2	0		0	1	2	0	1	2	0	1	2
---	---	---	---	---	---	---	---	---	---	--	---	---	---	---	---	---	---	---	---

FIG. 6E (R_{ct})

0		1		2			16		17		0
---	--	---	--	---	--	--	----	--	----	--	---

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54P

FIG. 7A
(DVb)

0f	1f	2f	3f	4f	5f	6f	7f	8f	9f	10f
----	----	----	----	----	----	----	----	----	----	-----

FIG. 7B
(RAM-1)

0f	READ		3f	READ		6f	READ		9f	READ
----	------	--	----	------	--	----	------	--	----	------

FIG. 7C
(RAM-2)

	0f+1f	READ		3f+4f	READ		6f+7f	READ		9f+10f
--	-------	------	--	-------	------	--	-------	------	--	--------

FIG. 7D
(RAM-3)

		0f+1f+2f		READ		3f+4f+5f	READ		6f+7f+8f	READ
--	--	----------	--	------	--	----------	------	--	----------	------

FIG. 7E
(DVc)

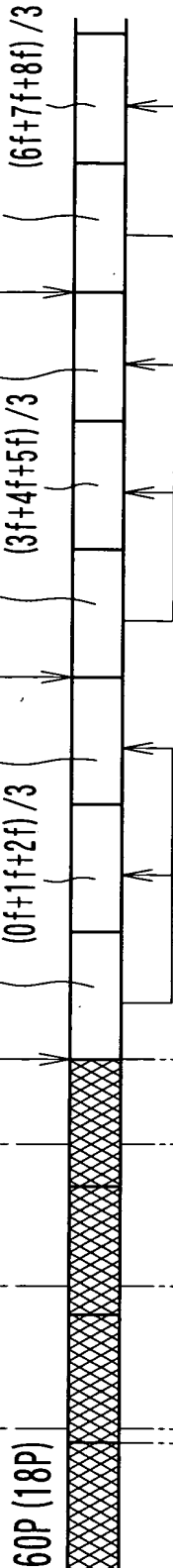
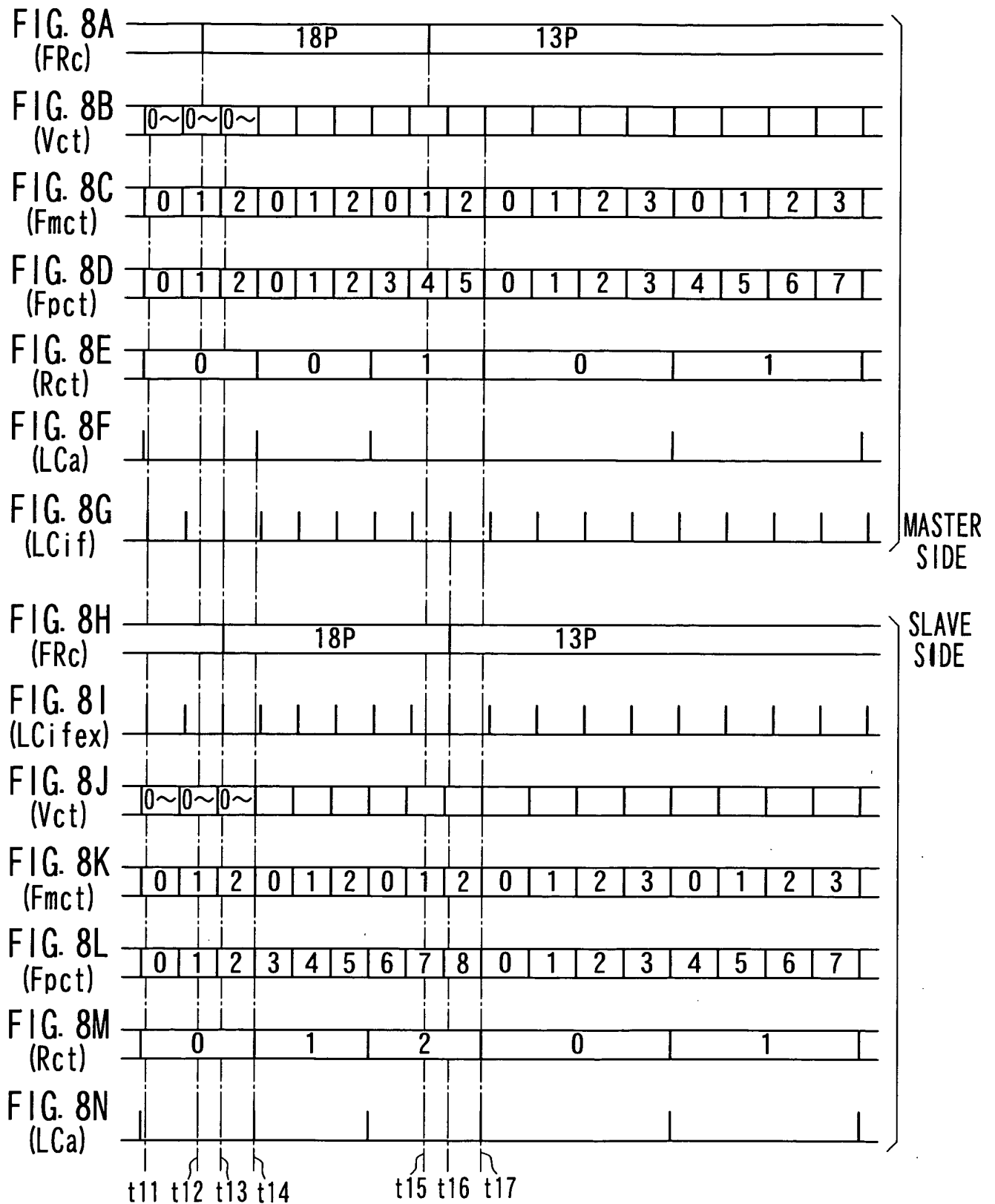


FIG. 7F
(DJ)

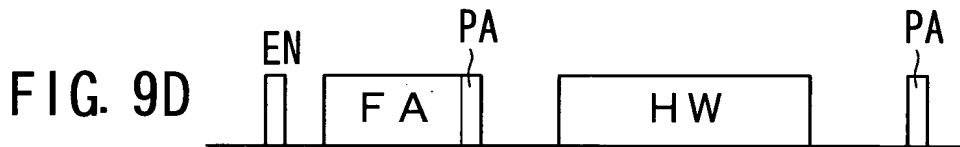
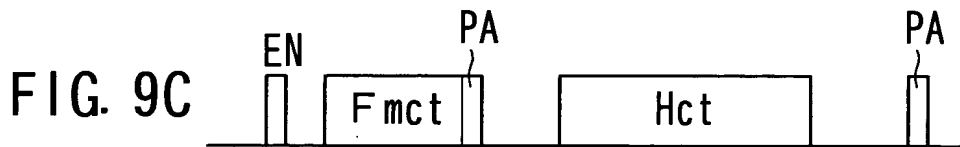
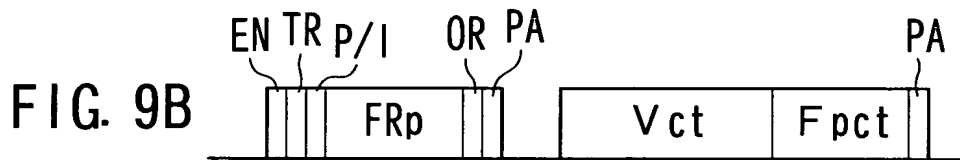
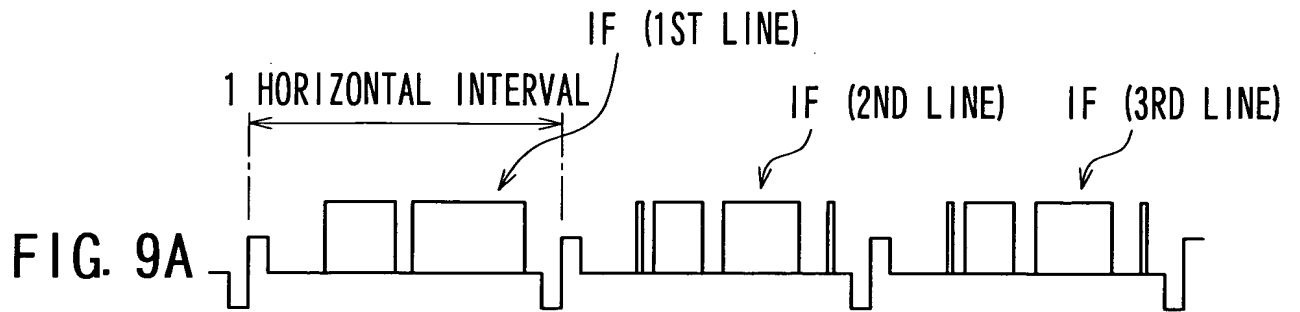
	VALID	INVALID	INVALID	VALID	INVALID	INVALID	VALID	INVALID
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t1 t2 t3 t4 t5 t6

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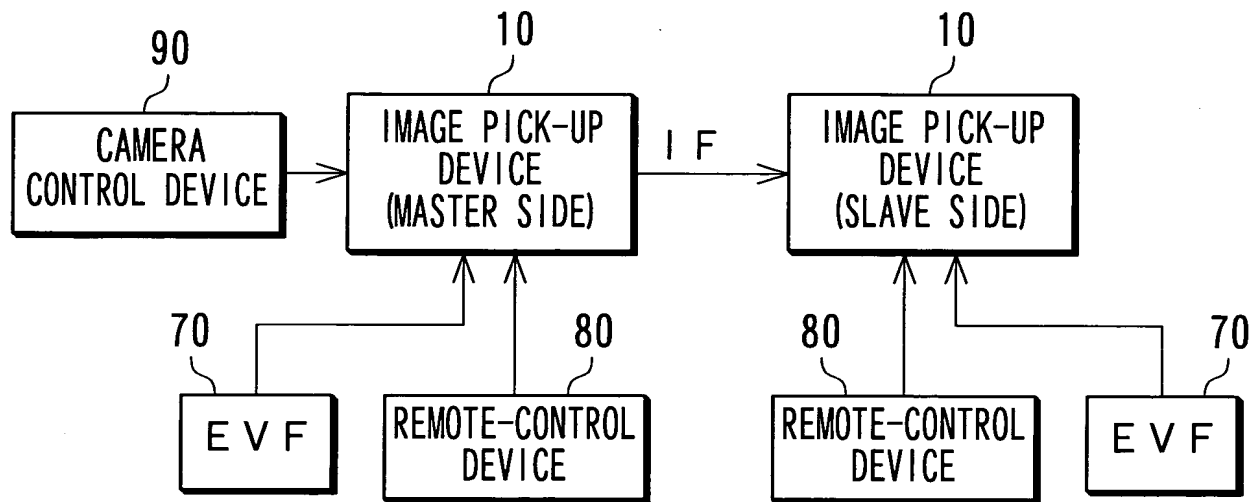
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FIG. 10

VARIABLE FRAME RATE, F R _c	IMAGE PICK-UP FRAME RATE, F R _p	COUNT WIDTH OF H COUNTER
60 P	60 P	2200
59 P	59 P	2240
58 P	58 P	2272
⋮	⋮	⋮
19 P	57 P	2312
18 P	54 P	2440
17 P	51 P	2584
⋮	⋮	⋮
14 P	56 P	2360
13 P	52 P	2536
12 P	48 P	2752
⋮	⋮	⋮
2 P	60 P	2200
1 P	60 P	2200

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FIG. 11



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FIG. 12

